19

## METHOD OF USING CYCLOOXYGENASE-2 INHIBITORS IN THE TREATMENT AND PREVENTION OF DEMENTIA

## ABSTRACT

This invention relates to the use of cyclooxygenase-2 inhibitors or derivatives thereof in preventing and treating dementia. In particular, the invention describes the method of preventing and treating dementia in a subject, said method comprising treating the subject with a therapeutically-effective amount of a compound of Formula I

wherein  ${\bf R}^2,\;{\bf R}^3,\;{\rm and}\;{\bf R}^4$  are as described in the specification.